

Fig. 1

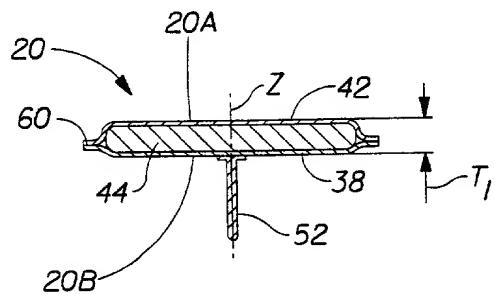


Fig. 2

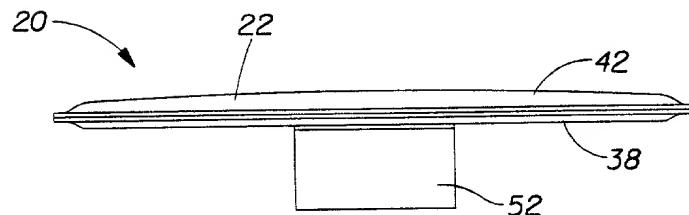


Fig. 3

2114

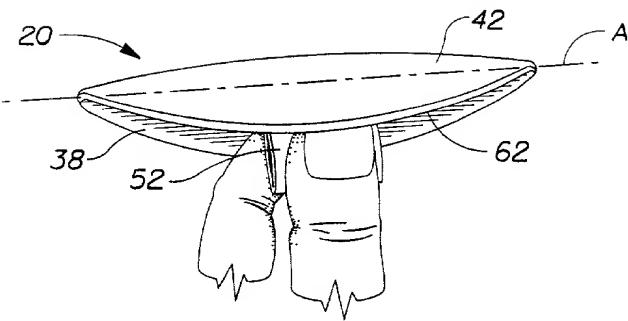


Fig. 4

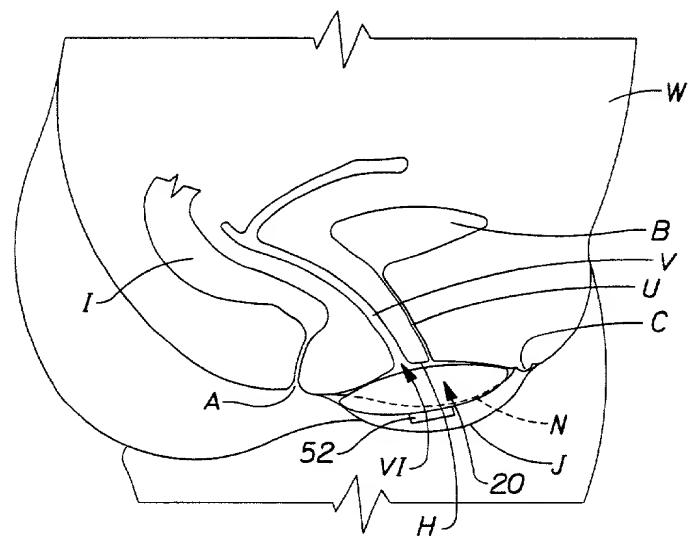
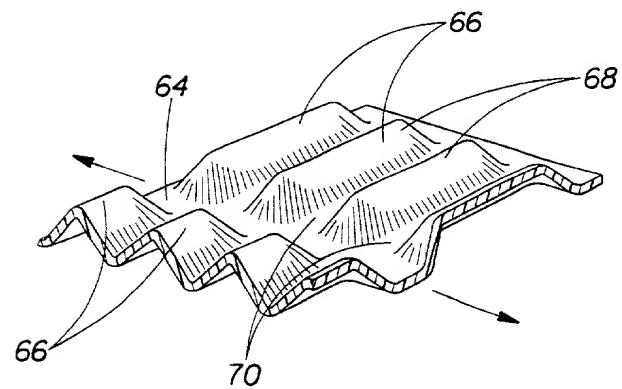
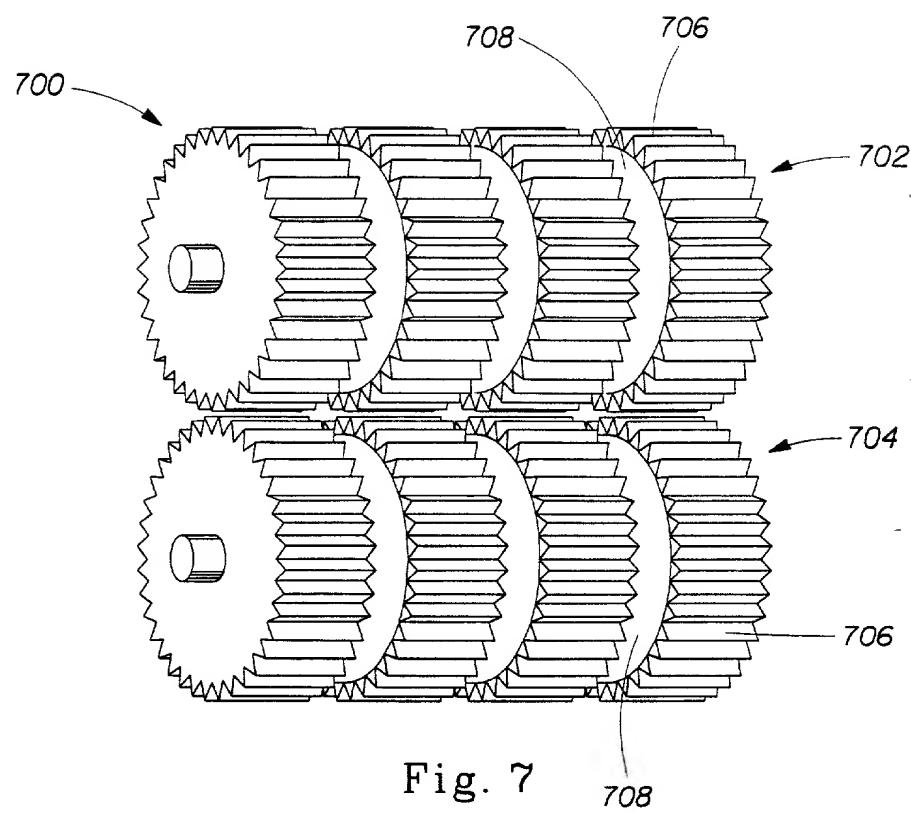


Fig. 5

4/14



5/14

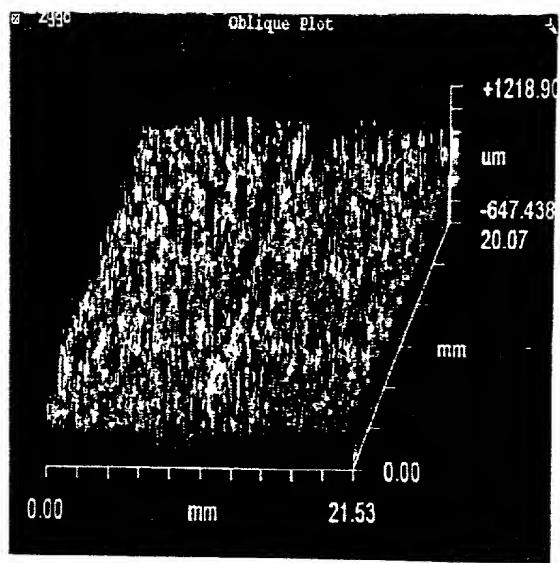


Fig. 9

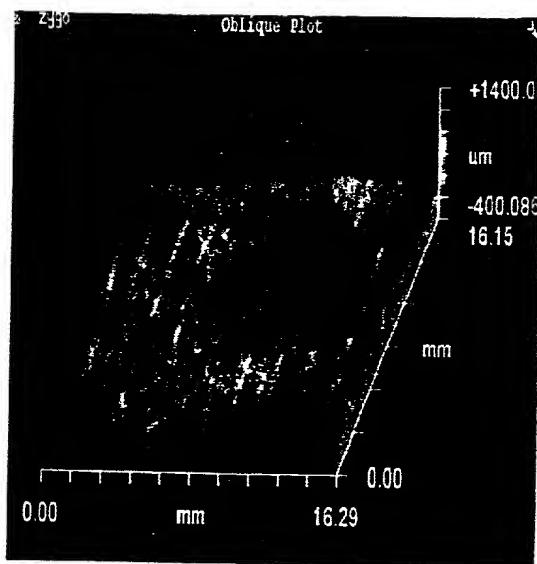


Fig. 10
(Prior Art)

6/14

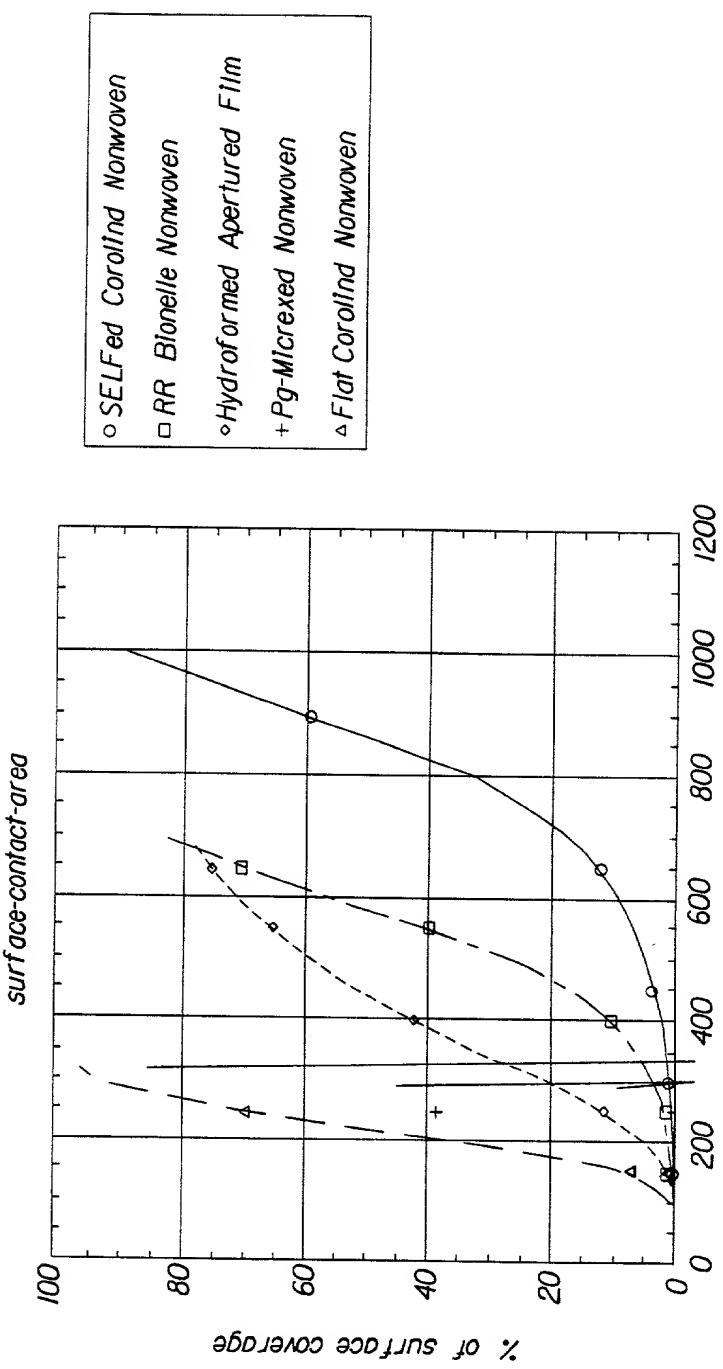


Fig. 11

7/14

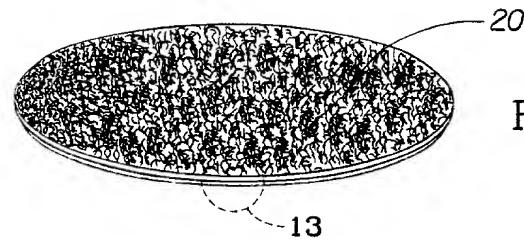


Fig. 12

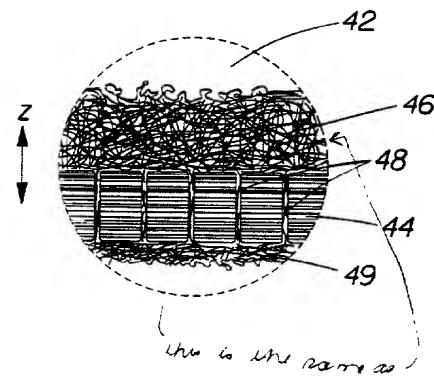


Fig. 13

8/14

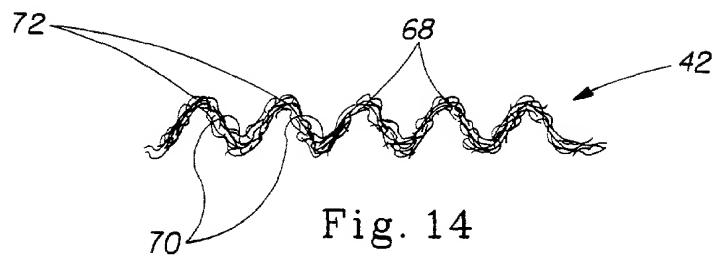


Fig. 14

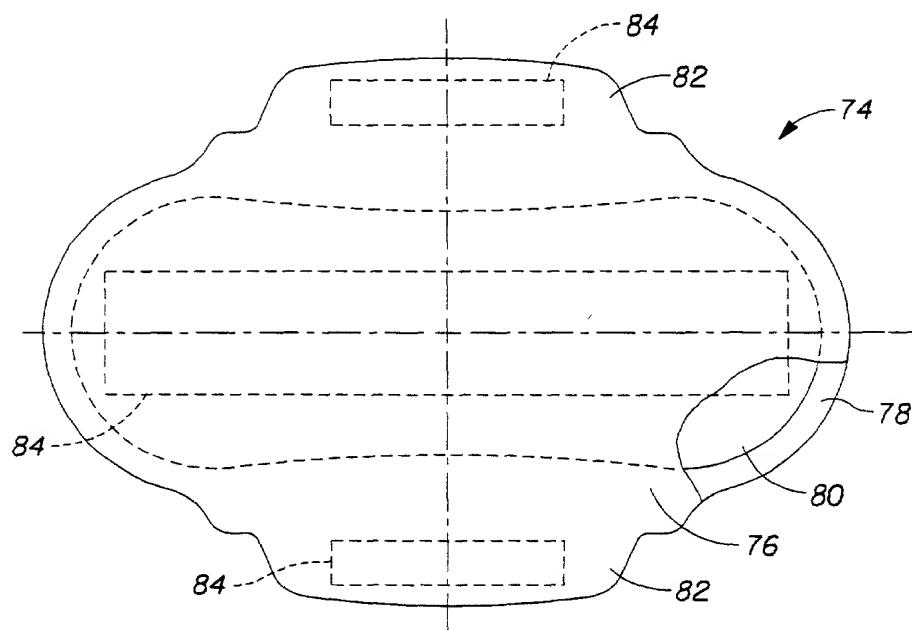


Fig. 15
(Prior Art)

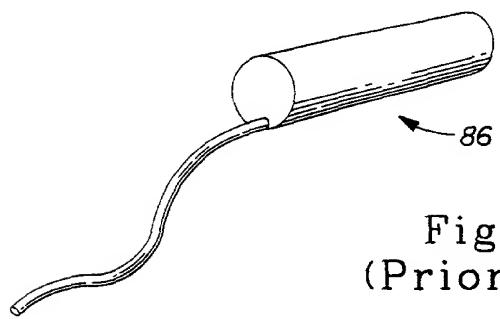


Fig. 16
(Prior Art)

9/14

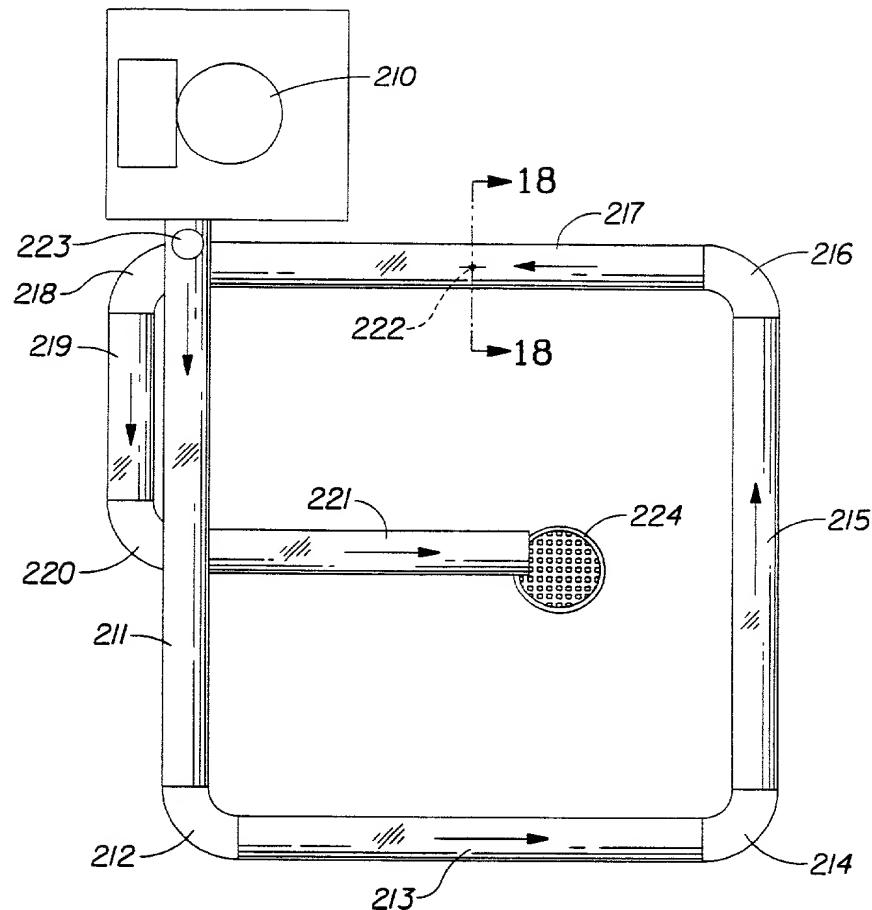


Fig. 17

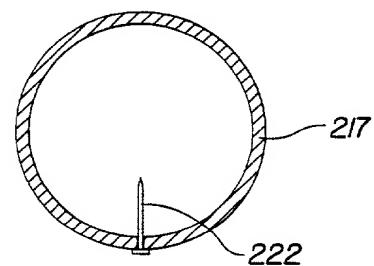


Fig. 18

10/14

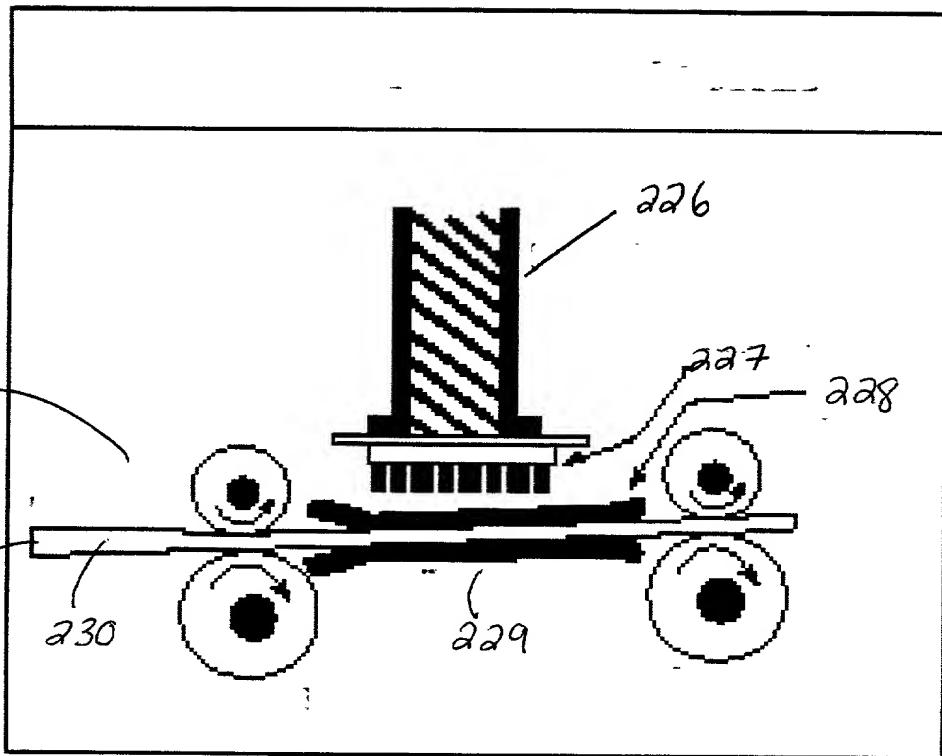


Figure 19

11/14

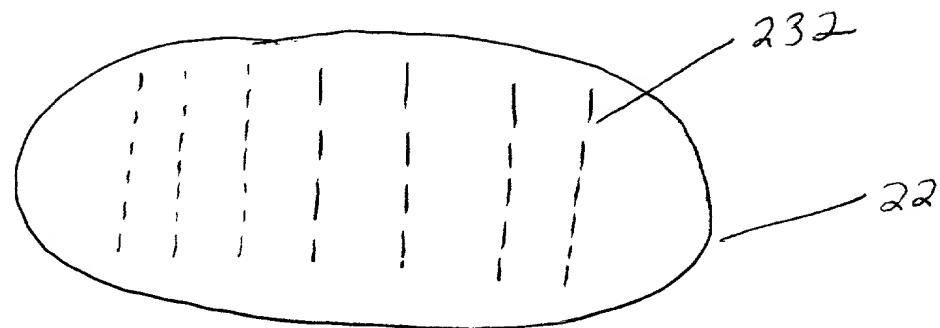


Figure 20

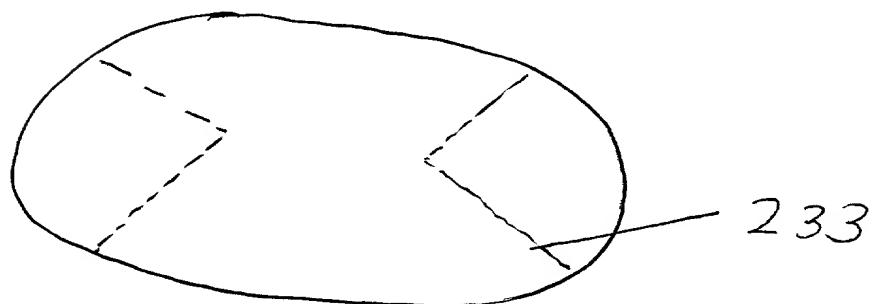


Figure 21

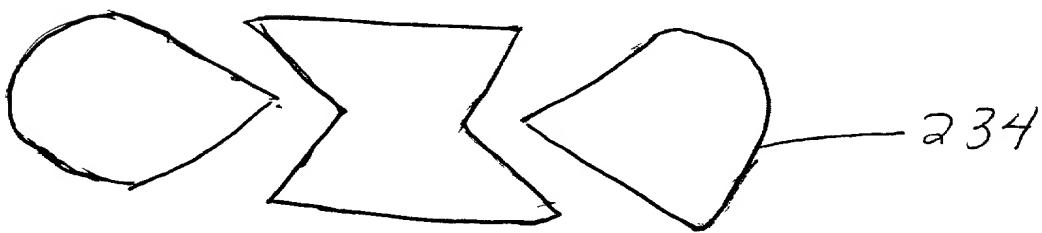


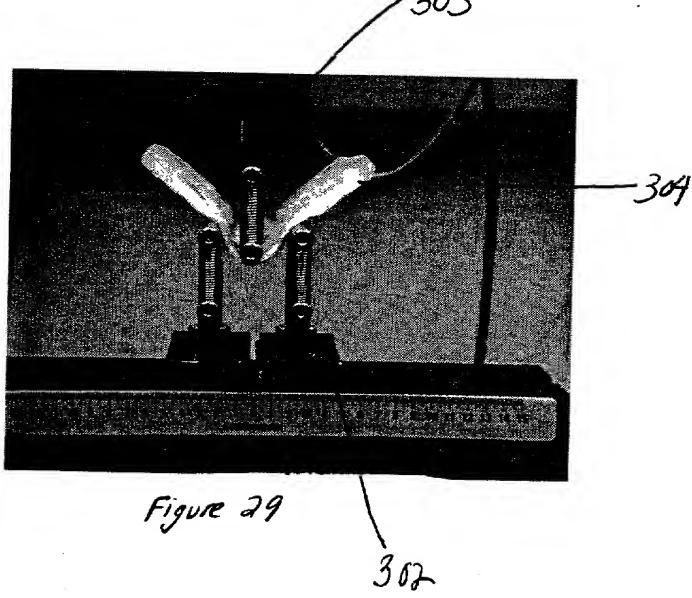
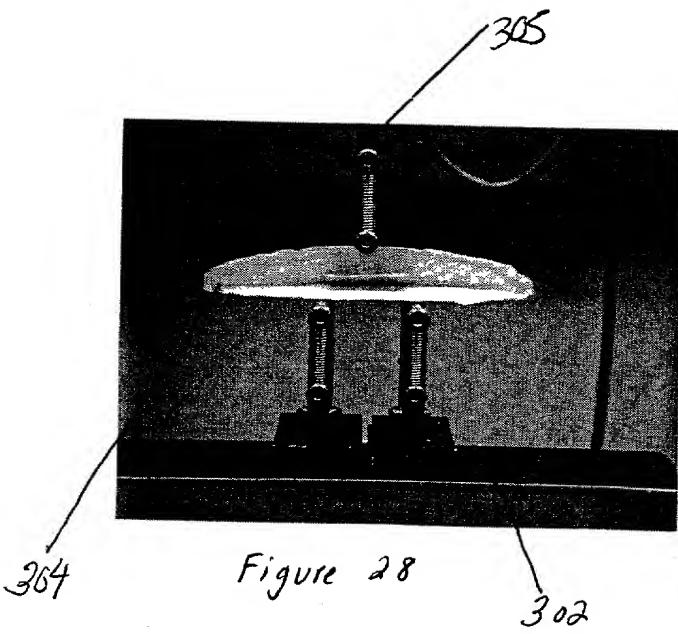
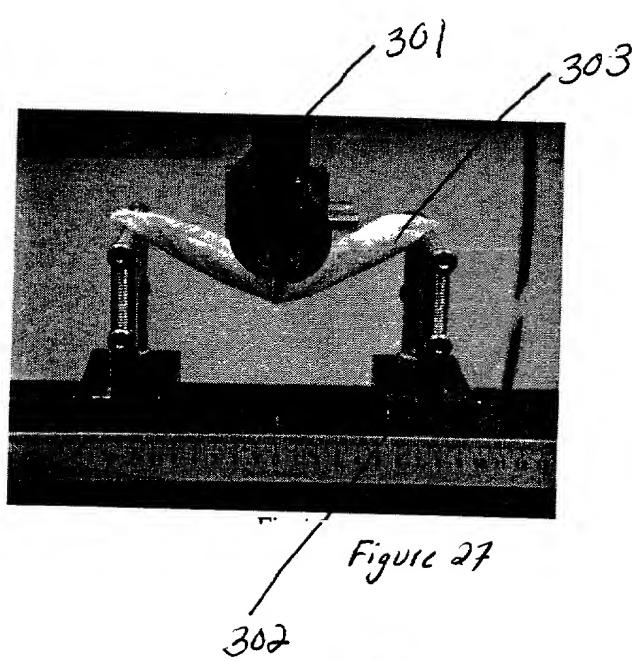
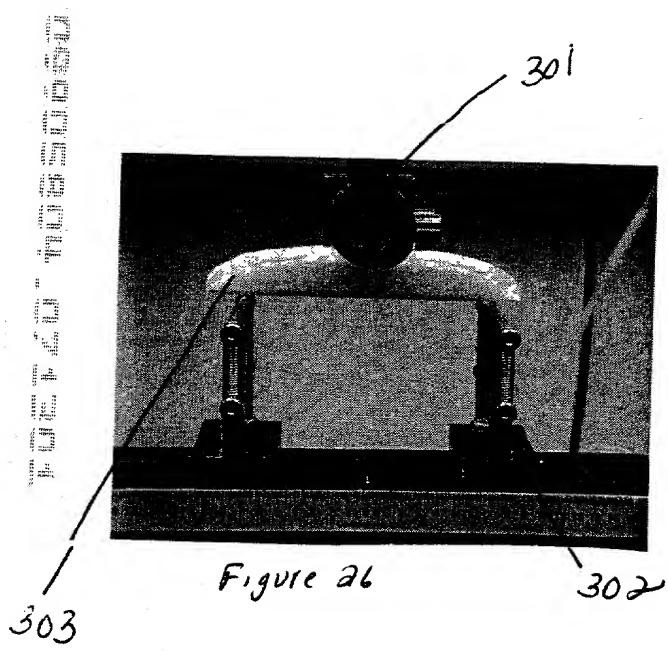
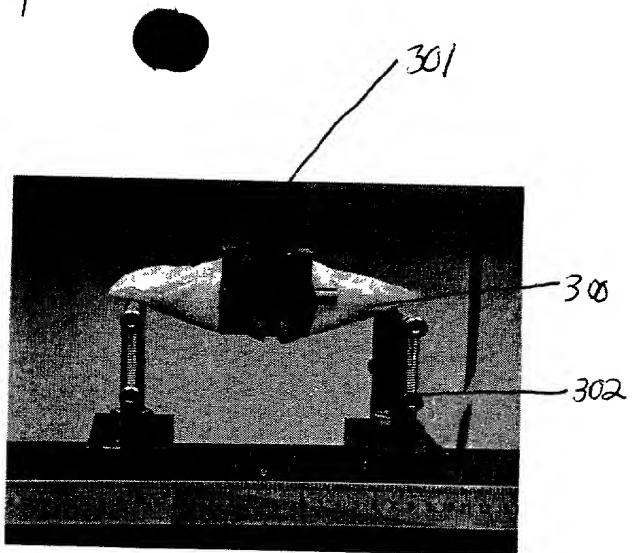
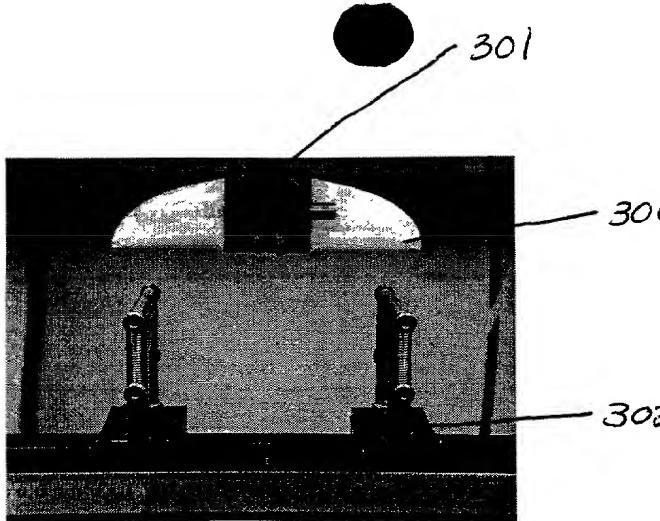
Figure 22

Figure 23 SCANNED, # 8

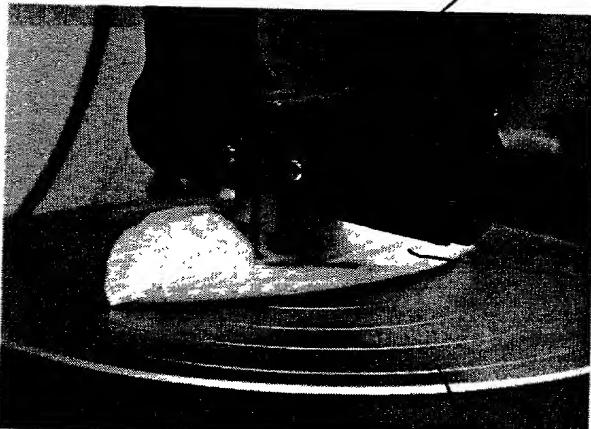
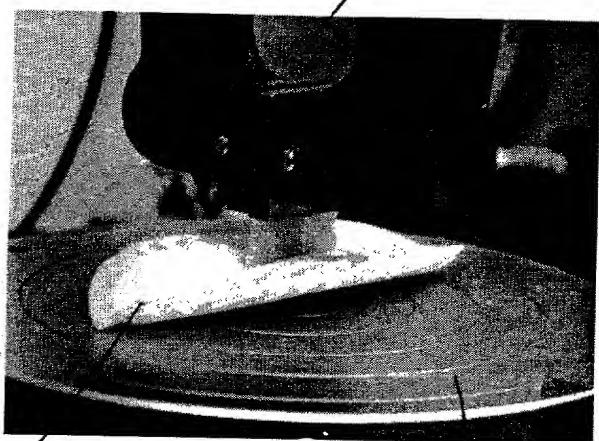
<u>Method:</u>		<u>Example 1</u>	<u>Example 2</u>	<u>Example 3</u>	<u>Example 4</u>	<u>Example 5</u>
V-Bend - Product no Keel	Peak	25	43	23	23	20
	Slope	1.7	5.0	2.9	3.0	2.6
V-Bend - Product with Keel	Peak	11	32	14	11	9
	Slope	0.4	1.2	0.5	0.5	0.4
L-Bend - Product with Keel	Peak	65	211	42	83	55
	Slope	1.7	3	1.2	2.5	1.6
Keel Stiffness	Peak	< 10*	22	21	38	30
	Slope	< 0.1 *	1.5	1.6	10	5
Soilingup to 2.0g loads	%	70	40	27	17	n/a
<hr/>						
HGW Capacity @ 70g/sqcm						
In Blood	grams	4.1	7.3	7.3	7.3	7.3
	grams	1.9	11.0	11.0	11.0	11.0
<hr/>						

* value below measurement capability, use only as a guide

6/1/21



17/14



307

Figure 30

308

Figure 31

308

309

II.3 Core Technology

Fibrous AGM and needle punching dramatically increase core capacity

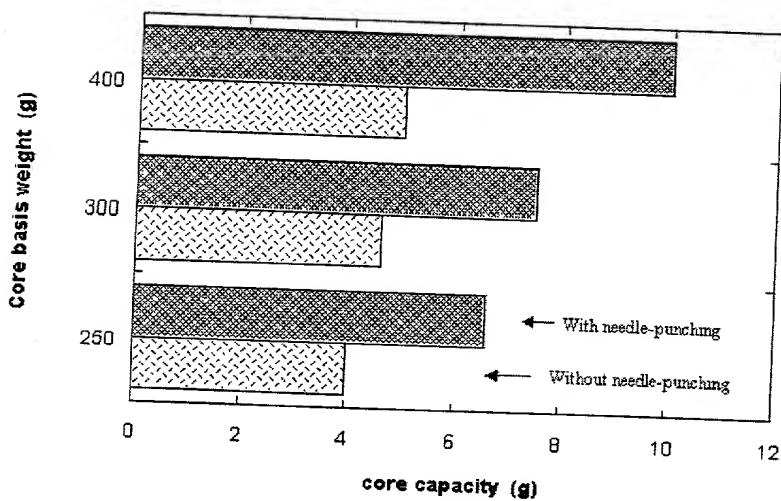


Figure 32